



Kokomo Center Twp.

II. Project Abstract

Briefly (500 words maximum) describe the proposed project clearly and concisely using the space provided.

Funding through this grant will supplement the district's efforts to increase the integration of technology into curriculum, instruction and assessment in order to increase student achievement at the elementary level.

This summer, through district funds, 1000 student laptops and the necessary laptop carts and 10 teacher laptops, carrying case and mice will be purchased to support 3,250 K-5 students and 140 teachers. Also, the district will purchase 99 mountable projectors and carts which will provide a projector to every K-5 classroom.

As a result of the LT grant funding 130 teacher laptops, carrying case and mice will be purchased to support K-5 teachers in their efforts to integrate technology and 21st century skills into instruction. Professional development will be provided to all K-5 teachers. Three technology facilitation teams consisting of a total of 21 educators will be trained in teaching using 21st century technology and skills.

This grant will be implemented in four phases:

- Phase I-All K-5 teachers will learn the basic skills needed to use a laptop and projector to integrate technology effectively into classroom instruction. In addition, they will be supported by the district tech facilitators to implement effective use of student laptops for instruction.
- Phase II-All K-5 teachers will be expected to utilize the laptop and projector on a regular basis to integrate technology effectively into classroom instruction through such strategies as virtual tours, web quests, and project based learning.
- Phase III-Three teams of Technology Facilitators* will participate in on-line course offered through WIDE Harvard School of Graduate Education. Through this course they will learn how to *Teach to the Standards with New Technologies*. Facilitators will use the *Teaching for Understanding* framework (HSGE) to develop model curricula and lessons which will integrate technology effectively into classroom instruction. Facilitators will learn how new technologies and the Teaching for Understanding Framework support one another and complex parts of the curriculum. Facilitators will cross-train and share new knowledge with building level colleagues.
- Phase IV-Summer Professional Development in technology will be led by the Technology Facilitators trained in Phase III with the intent to build capacity for integrating technology throughout the elementary faculty.

The following student and faculty outcomes will be achieved as a result of the combined efforts of the district and grant support:

Student

1. Students will be engaged in learning through experiencing instruction with technological tools such as a laptop and projector.
2. Students will utilize new technology tools, 1000 laptops being funded through District CPF, to increase their 21st Century Skills.
3. Students will experience technological tools such as Virtual Tours, Project Based Learning, and programs such as Study Island to increase achievement on the Indiana Academic Standards.

Faculty

1. Faculty will be knowledgeable of and able to use a laptop and projector in the classroom to engage students in learning through technology.
2. Faculty will be able to use technological tools such as Virtual Tours, Project Based Learning, and programs such as Study Island to increase achievement on the Indiana Academic Standards.